

(Time: 2  $\frac{1}{2}$  hours)

[Total Marks: 60]

- N. B.: (1) All questions are compulsory.  
(2) Make suitable assumptions wherever necessary and state the assumptions made.  
(3) Answers to the same question must be written together.  
(4) Numbers to the right indicate marks.  
(5) Draw neat labeled diagrams wherever necessary.  
(6) Use of Non-programmable calculator is allowed.

1. Attempt any two of the following: 12  
a. List down the steps in automation process of empty Recycle Bin in UiPath Studio.  
b. Which are the various Techniques used for Automation by programmers?  
c. Name and explain the different types of Robots in UiPath Studio.  
d. Explain Recorder, Development Studio, Plugin/Extension of UiPath Studio.
2. Attempt any two of the following: 12  
a. Explain the following activities:  
The Assign activity  
The Delay activity  
The While activity  
b. Explain the IF Activity with an example  
c. What are the different types of Variables in UiPath Studio? Which activity is used to initialize value to a variable? Explain the various fields in the Variable Panel.  
d. What is Data Scraping? List the steps in Data Scraping.
3. Attempt any two of the following: 12  
a. What are the various techniques for waiting for a control in RPA? Explain it with steps.  
b. Explain Credential management in UiPath Studio.  
c. Explain the use of Delay, Scope of the variable and Element Exits for avoiding failure of RPA Applications.  
d. Explain PDF Plugin in UiPath Studio. Explain its installation and activities.
4. Attempt any two of the following: 12  
a. Explain Try-Catch and Finally in UiPath Studio.  
b. Name and explain the various system trigger events.  
c. Write a note on crash dumps in UiPath Studio.  
d. List down the steps in Launching an assistant bot on a keyboard event.
5. Attempt any two of the following: 12  
a. Explain the State Machine in UiPath.  
b. Explain the Transactional Business Process Layout.  
c. Write a note on Assets in UiPath.  
d. List the steps in License Management of UiPath Studio.